SEQUENCE LISTING

<110> LAMB, JONATHAN R.
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DALLMAN, MARGARET J.
CHAMPION, BRIAN R.

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Gly Glu Ile Leu Cys Gly Gly Phe Tyr Pro Arg Val Ser Cys Cys Leu
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Gln Ser Asp Ser Pro Gly Leu Gly Arg Leu Glu Asn Lys Ile Phe Ser
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<213> Mus musculus

<400> 7
Met Ala Arg Arg Arg Ala Phe Pro Ala Phe Ala Leu Arg Leu Trp Ser
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Ile Leu Pro Cys Leu Leu Leu Leu Arg Ala Asp Ala Gly Gln Pro Pro
            20                  25                  30

Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
        35                  40                  45

Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
    50                  55                  60

Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
65                  70                  75                  80

Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
                85                  90                  95

Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
            100                 105                 110

Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
        115                 120                 125

His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
    130                 135                 140

Asp Gly Val Ala Ala Phe Glu Val Asn Val Ile Val Met Asn Ser Glu
145                 150                 155                 160

Gly Asn Thr Ile Leu Arg Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
                165                 170                 175

Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
            180                 185                 190

Asn Glu Arg Arg Val Cys Glu Cys Pro Asp Gly Phe Tyr Gly Pro His
        195                 200                 205

Cys Glu Lys Ala Leu Cys Ile Pro Arg Cys Met Asn Gly Gly Leu Cys
    210                 215                 220

Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
225                 230                 235                 240
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Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
                245                 250                 255

Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
            260                 265                 270

Cys Glu Leu Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
        275                 280                 285

Ile Gly Lys Ser Lys Cys Lys Cys Pro Lys Gly Tyr Gln Gly Asp Leu
    290                 295                 300

Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
305                 310                 315                 320

His Glu Pro Asn Lys Cys Gln Cys Arg Glu Gly Trp His Gly Arg His
                325                 330                 335

Cys Asn Lys Arg Tyr Gly Ala Ser Leu Met His Ala Pro Arg Pro Ala
            340                 345                 350

Gly Ala Gly Leu Glu Arg His Thr Pro Ser Leu Lys Lys Ala Glu Asp
        355                 360                 365

Arg Arg Asp Pro Pro Glu Ser Asn Tyr Ile Trp
    370                 375
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<210> 8
<211> 2047
<212> DNA
<213> Mus musculus

<400> 8
agtaggaaca gctccagccc cgccagctgc agccaaggcg agaacttcac aagcagcaca 60
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ggagaagagc cttccctgct ttcgcgctcc ggctctggag catcctacct tgcctgctcc 180
tgctgcgagc ggatgcaggg cagccacctg aggagagctt gtacctgtgg atcgacgccc 240
atcaggctag agtgctcata ggatttgaag aagacattct gattgtctcg gaggggaaaa 300
tggccccctt tacacatgat ttcaggaaag cccaacaaag aatgccagcc attcctgtca 360
atatccactc catgaatttt acctggcaag ctgcggggca ggcagaatac ttctacgagt 420
tcctgtctct gcgctccctg gataaaggca tcatggcaga tccaactgtc aatgtccctt 480
tgctgggaac agtgcctcac aaggcatcag ttgttcaagt tggtttcccg tgtctcggca 540
aacaagacgg ggtagcagca tttgaagtga atgtgattgt catgaattct gaaggcaaca 600
ccatccttag gacccctcag aatgccatct tctttaaaac atgtcaacaa gctgagtgtc 660
ccggagggtg tcgaaatgga ggcttttgta acgaaaggcg ggtctgcgag tgtccggatg 720
ggttctacgg gcctcactgt gagaaagccc tgtgcatacc ccgatgtatg aacggtggtc 780
tgtgtgtcac tcctggcttc tgcatctgcc cccctggatt ctacggtgtc aactgtgaca 840
aagcaaactg ctcaaccacc tgctttaatg gagggacctg cttttacccg ggaaaatgta 900
tttgccctcc tggactcgag ggagagcagt gtgaactcag caaatgcccc caaccctgcc 960
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acctgtgctc taagcccgtc tgcgagcctg gctgtggtgc ccacggaacc tgccacgaac 1080
ccaacaagtg ccagtgtcga gagggctggc acggcagaca ctgcaataag aggtatggag 1140
ccagcctcat gcatgccccg aggccagcag gcgccgggct ggagcgacac acgccttcac 1200

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ttaaaaaggc tgaggataga agggatccac ctgaatccaa ttacatctgg tgaaccccta 1260
ccccaccatc tgaaacggtt caagttacac cgggttcaca gcctttgtta acctttcgcg 1320
tgttggatgt tcaaatgctg ttcattacac tttagaacgc cggcctgaat tttattagct 1380
tcattataaa tcactgggct gatatctact cttcctttta ggttttctaa gcgtgtctag 1440
catgatggta tagattttct tccttcagtc cttttgggac agatcttata ttgtgtcagt 1500
tgatcaggtt aaaaagaaaa aaaaatatct gtcttttcag tgtgtagttg acagatactt 1560
gcaaaatcac aacacatttg tggtcttaga atggggagtg ttagagaggt taaactgggc 1620
agagatgcat aaattacaag gtttcggata aagccaatag cagcgtttaa gctacagtat 1680
ttccaatttt attgtcaaat atttggacat ctgtctaatt aatacttcaa ttgccccccc 1740
ccccatcttg aatgcataca atctatttca cccttgctgt tactctagac agttcagttt 1800
tgatggggcg ggggacaaag tttaaaaaaa ttacactgag ttagcggcat ttaaacaata 1860
taatatattg taaacacgac gagataagga atataatgta tgaagccttt gcattggatg 1920
gaagcaatat aatatattgt aaacaaaaca cagctcttac atagtaaacg ttttatactg 1980
tttgtatgta tgaaataaag gtgacgcttt cactttcaaa aaaaaaaaaa aaaaaaaaaa 2040
aaaaaaa                                                           2047


<210> 9
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      oligonucleotide

<400> 9
tcgtcgtttt gtcgttttgt cgtt                                        24


<210> 10
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 10
ccaccaactg ggacacatg                                              19


<210> 11
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 11
gtctcaaaca tgatctgggt catc                                        24
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<210> 12
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 12
agggggtttg gaaagagg 18

<210> 13
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 13
ggattcatag tagacccagt cg 22

<210> 14
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 14
atcggagtgg agttcacc 18

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 15
ctgctgtgct tcgtattgcc 20

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<210> 16
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 16
catcaagttc aacagttcag ga                                          22


<210> 17
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 17
ataggtgagg accacgaacc acactactcc                                  30


<210> 18
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 18
gagaagccac acaagtgc                                               18


<210> 19
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 19
aacagtcagt ctgctctctt cc                                          22
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<210> 20
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 20
tgaccccttt agcctacaag ca                                              22


<210> 21
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
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<400> 21
ttcttgtgat cttcccttca tatctg                                          26


<210> 22
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 22
tttattccca acgtagccga gaagaccc                                        28


<210> 23
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      primer

<400> 23
ctccaagtgt cgtccggttt                                                 20
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<210> 24
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 24
tgtactccga gtcggaggaa tc 22

<210> 25
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 25
cgtgcctcct ggtcacacga acaa 24

<210> 26
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 26
ggctgtcgga agtcctattc ac 22

<210> 27
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 27
caaccttctt gctcacacat gtaag 25

<210> 28
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 28
cgcaccttcg gtcgcacacg 20

<210> 29
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 29
gccctgtgcc accatgtg 18

<210> 30
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 30
cggtagcgac gagagaagtc a 21

<210> 31
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
primer

<400> 31
ccatctgacc ctccgccggg 20